

### Model Exam

1

#### 1 Choose the correct answer:

- 1 ..... are groups of people, or things are connected to each other.  
a. Computers                      b. Networks                      c. Gateways
- 2 The smallest unit of data is .....  
a. bit                                  b. byte                                  c. Gigabyte
- 3 The ..... is a cable that transfers audio and video to and from devices.  
a. ethernet cable                      b. HDMI                                  c. router cable
- 4 The ..... consists of devices linked to the internet via Wi-Fi.  
a. CPU                                  b. IoT                                  c. DSL
- 5 The first step in solving a problem is to .....  
a. identify the problem      b. study solutions      c. think of ways to solve

#### 2 Put (✓) or (X):

- 1 Kilobyte (KB) = 1,024 bytes (    )
- 2 Data must be organized on the computer for easy retrieval. (    )
- 3 Both hard disk and flash memory are used for the same purpose. (    )
- 4 The Internet is more secure and private than the intranet. (    )
- 5 Closing some programs is a possible solution in the case of home internet that does not work. (    )

#### 3 Complete the following using the words between the brackets:

(HDMI - intranet - Ethernet cable - flash memory- WWW)

- 1 ..... is a cable that connects a computer to a router.
- 2 A ..... helps us to store and transfer data and information.
- 3 ..... refers to world wide web.
- 4 ..... is a cable that transmits audio and video between devices.
- 5 The ..... is a restricted and private network between people at the same company.

# Model Exam

## 2

### 1 Choose the correct answer:

- 1 Online buying and selling is known as ..... .  
 a. Word                                      b. E-commerce                                      c. PowerPoint
- 2 Networks or the internet speed are measured by ..... .  
 a. GHz                                      b. Mbps                                      c. GB
- 3 Visually impaired can use ..... for doing schoolwork online.  
 a. Bluetooth speakers                      b. mobile devices                      c. screen readers
- 4 To connect your computer to the internet, you need a ..... .  
 a. network                                      b. gateway                                      c. flash memory
- 5 Byte is equal to ..... bit(s).  
 a. 1,024                                      b. 1                                      c. 8
- 6 The web is an example of ..... .  
 a. open networks                      b. closed networks                      c. LAN
- 7 When there isn't an internet connection, we should ..... .  
 a. check software update                      b. check router connection  
 c. check the internet speed

### 2 Put (✓) or (✗):

- 1 The Egyptian Knowledge Bank is available for free to Egyptians. (     )
- 2 Ethernet cables connect computers to the router. (     )
- 3 A Giga Byte is equal to 1,204 Kilobytes. (     )
- 4 In a dial-up connection phone and internet are used simultaneously. (     )
- 5 Bluetooth is a network technology that works over long ranges. (     )
- 6 It's important to check regularly for software updates to avoid problems. (     )
- 7 QR code is used to get information quickly and easily. (     )
- 8 We can give a name to a folder by right-clicking and then renaming it. (     )

# Model Exam

## 3

### 1 Choose the correct answer:

- 1 You can use ..... applications to buy anything on the internet.  
 a. browser                      b. braille                      c. e-commerce
- 2 ..... measures the number of cycles your CPU carries out per second.  
 a. A gigahertz                      b. Mbps                      c. A byte
- 3 The router is considered as a/an ..... for the internet.  
 a. famous browser                      b. antivirus                      c. gateway
- 4 To write the word "ICT" we need ..... to represent it in a computer system.  
 a. 3 bits                      b. 8 bits                      c. 3 bytes
- 5 ..... is a part of the internet that has web pages and sites that people can visit.  
 a. LAN                      b. WWW                      c. Intranet
- 6 To share ..... information, you can use open networks.  
 a. private                      b. personal                      c. public
- 7 Check for software updates when .....  
 a. there is no internet connection  
 b. downloading a file is very slow  
 c. the computer slows down when opening an app
- 8 A ..... is used to enter images and files on the device.  
 a. keyboard                      b. printer                      c. scanner

### 2 Put (✓) or (✗):

- 1 ICT tools help us manage digital files. (     )
- 2 You can add a main folder inside sub folders to manage files. (     )
- 3 External hard drive like an HDD but much faster. (     )
- 4 We use printers to save images on computer to use later. (     )
- 5 To connect a computer to the internet, a gateway must be used. (     )
- 6 Braille makes it more difficult to read for people of determination. (     )
- 7 Identifying the problem is the last step in solving computer problems. (     )

# Model Exam

## 4

### 1 Choose the correct answer:

- The technology that connects wireless mobile devices over a short range to form a network is called .....  
 a. Bluetooth                      b. WWW                      c. intranet
- ..... is a device that connects a computer to the internet.  
 a. HDMI                      b. A router                      c. An ethernet port
- A/An ..... is the same as a hard disk drive, but it runs faster.  
 a. external hard disk                      b. flash memory                      c. router
- A school's computer lab is an example of a/an .....  
 a. internet                      b. open network                      c. closed network
- The problem solution of slowing download is to .....  
 a. check the internet speed                      b. delete unwanted app                      c. update the app

### 2 Put (✓) or (X):

- A byte is the smallest storage unit to store data. (     )
- Digital washing machine is an example to the internet of things (IOT). (     )
- An Ethernet cable transmits audio and video to and from devices. (     )
- WWW is an abbreviation for World Wide Web. (     )
- Restarting the router is one of the ways to solve the slow download problem. (     )

### 3 Complete the following using the words between the brackets:

(Router - Mbps - Internet - e-commerce - byte)

- We can use ..... to buy and sell products online.
- A ..... is a device used to connect your mobile to the internet.
- A ..... equals 8 bits and 1 character.
- ..... is the measuring unit of internet connection speed.
- ..... connects million of computers around the world.

# Model Exam

## 5

### 1 Choose the correct answer:

- 1 The ..... is a network that connects computers and people using them from all around the world  
 a. information                      b. internet                      c. device
- 2 The connection of the washing machine to an application on the mobile device is called .....  
 a. Internet Development    b. Internet of Things                      c. Bluetooth
- 3 ..... folders helps us manage files using ICT tools.  
 a. Creating                      b. Deleting                      c. Copying
- 4 One of the measurement units is the Megabyte (MB), which is equal to .....  
 a. 1,024 bytes                      b. 1,024 kilobytes                      c. 1,024 megabytes
- 5 The ..... is used for the visually impaired to get audio feedback.  
 a. screen reader                      b. scanner                      c. Bluetooth
- 6 A ..... helps us to access information by scanning it with a phone camera.  
 a. QR code                      b. printer                      c. scanner
- 7 To change the title of a folder, you can use the ..... command.  
 a. New                      b. Open                      c. Rename

### 2 Put (✓) or (✗):

- 1 The internet is a type of network. (    )
- 2 One of the possible reasons for slow downloads is the internet speed. (    )
- 3 Adding a sub folder inside the main folder is not allowed by the operating system. (    )
- 4 Always ask permission from your parents before buying anything online. (    )
- 5 PowerPoint is a Microsoft program used for making presentations (    )
- 6 The main folder contains sub folders and files (    )
- 7 Wi-Fi is more stable and faster than Ethernet. (    )

# Answers

## Model Exam 1

- 1 1 b 2 a 3 b 4 b  
5 a
- 
- 2 1 ✓ 2 ✓ 3 ✓ 4 ✗  
5 ✗
- 
- 3 1 Ethernet cable 2 flash memory  
3 WWW 4 HDMI  
5 intranet

## Model Exam 2

- 1 1 b 2 b 3 c 4 b  
5 c 6 a 7 b
- 
- 2 1 ✓ 2 ✓ 3 ✗ 4 ✗  
5 ✗ 6 ✓ 7 ✓ 8 ✓

## Model Exam 3

- 1 1 c 2 a 3 c 4 c  
5 b 6 c 7 c 8 c
- 
- 2 1 ✓ 2 ✗ 3 ✓ 4 ✗  
5 ✓ 6 ✗ 7 ✗

## Model Exam 4

- 1 1 a 2 b 3 a 4 c  
5 a
- 
- 2 1 ✗ 2 ✓ 3 ✗ 4 ✓  
5 ✓
- 
- 3 1 e-commerce  
2 router  
3 byte  
4 Mbps  
5 Internet

## Model Exam 5

- 1 1 b 2 b 3 a 4 b  
5 a 6 a 7 c
- 
- 2 1 ✓ 2 ✓ 3 ✗ 4 ✓  
5 ✓ 6 ✓ 7 ✗